

AMENDMENTS**In the Claims**

Claims 12-25 and 42-60 were previously canceled.

Please amend claims 1-2, 5, 7-8, 26, 32, and 35-36 as shown herein.

Claims 1-11 and 26-41 are pending and are listed following:

1. **(currently amended)** A method, comprising:
generating an image of an operating system with a host computing device;
communicating the image of the operating system from the host computing
device to a software development peripheral;
executing the operating system corresponding to the image with the
software development peripheral;
communicating test information generated by the operating system
corresponding to the image from the software development peripheral to the host
computing device; and
displaying the test information generated by the operating system with at
the host computing device.

2. **(currently amended)** A method as recited in claim 1, further
comprising recognizing a configuration identification of the software development
peripheral with a cross-platform development component of the host computing
device when the software development peripheral is communicatively linked with
the host computing device.

1 3. (original) A method as recited in claim 1, wherein generating
2 includes generating the image of the operating system with a cross-platform
3 development component of the host computing device.

4
5 4. (original) A method as recited in claim 1, further comprising
6 recognizing a configuration identification of the software development peripheral
7 with a cross-platform development component of the host computing device, and
8 wherein generating includes generating the image of the operating system with the
9 cross-platform development component, the image of the operating system
10 corresponding to the configuration identification of the software development
11 peripheral.

12
13 5. (currently amended) A method as recited in claim 1, further
14 comprising debugging the test information generated by the operating system with
15 a cross-platform development component of the host computing device.

16
17 6. (original) A method as recited in claim 1, further comprising
18 connecting the software development peripheral to a network via a network
19 communication driver of the host computing device, the network communication
20 driver communicatively linked with the network and with a virtual network
21 communication driver of the software development peripheral.

1 7. **(currently amended)** A method as recited in claim 1, wherein
2 communicating includes communicating the test information generated by the
3 operating system to the host computing device via a debug transport.

4
5 8. **(currently amended)** A method as recited in claim 1, wherein
6 communicating includes communicating the test information generated by the
7 operating system to the host computing device with a virtual device driver of the
8 software development peripheral.

9
10 9. **(original)** A method as recited in claim 1, wherein
11 communicating includes communicating image data generated by the operating
12 system to a virtual input/output system of the host computing device with a virtual
13 device driver of the software development peripheral.

14
15 10. **(original)** A method as recited in claim 1, further comprising
16 receiving a keyboard input with the software development peripheral from a
17 virtual input/output system of the host computing device, the keyboard input
18 generated with a keyboard connected to the host computing device.

19
20 11. **(original)** A method as recited in claim 1, further comprising
21 receiving a pointing device input with the software development peripheral from a
22 virtual input/output system of the host computing device, the pointing device input
23 generated with a pointing device connected to the host computing device.

24
25

1 12-25. (canceled)

2
3 26. (currently amended) A system, comprising:
4 a host computing device configured to generate an image of an operating
5 system; and
6 a software development peripheral configured to:
7 receive the image of the operating system from the host computing
8 device;
9 execute the operating system corresponding to the image of the
10 operating system; and
11 communicate test information generated by the operating system to the host
12 computing device for display.

13
14 27. (original) A system as recited in claim 26, wherein the host
15 computing device includes a first type of processor to generate the image of the
16 operating system, and wherein the software development peripheral is configured
17 to execute the operating system on a second type of processor, the second type of
18 processor being different than the first type of processor.

19
20 28. (original) A system as recited in claim 26, wherein the host
21 computing device is further configured to recognize the software development
22 peripheral as a plug and play device when the software development peripheral is
23 communicatively linked with the host computing device.

1 29. (original) A system as recited in claim 26, wherein the host
2 computing device includes a cross-platform development component configured to
3 recognize a configuration identification of the software development peripheral
4 when the software development peripheral is communicatively linked with the
5 host computing device.

6
7 30. (original) A system as recited in claim 26, wherein the host
8 computing device includes a cross-platform development component configured to
9 generate the image of the operating system.

10
11 31. (original) A system as recited in claim 26, wherein the host
12 computing device includes a cross-platform development component configured to
13 recognize a configuration identification of the software development peripheral
14 when the software development peripheral is communicatively linked with the
15 host computing device, and wherein the cross-platform development component is
16 further configured to generate the image of the operating system corresponding to
17 the configuration identification of the software development peripheral.

18
19 32. (currently amended) A system as recited in claim 26, wherein
20 the host computing device includes a cross-platform development component
21 configured to debug the test information generated by the operating system.

1 33. (original) A system as recited in claim 26, wherein the host
2 computing device and the software development peripheral are communicatively
3 linked via a debug transport.

4

5 34. (original) A system as recited in claim 26, wherein the host
6 computing device and the software development peripheral are communicatively
7 linked via a universal serial bus connection.

8

9 35. (currently amended) A system as recited in claim 26, wherein
10 the software development peripheral includes a virtual device driver configured to
11 route the test information generated by the operating system to the host computing
12 device, and wherein the host computing device includes a virtual input/output
13 system configured to receive the test information generated by the operating
14 system.

15

16 36. (currently amended) A system as recited in claim 26, wherein
17 the host computing device includes a virtual input/output system configured to
18 receive the test information generated by the operating system and route the test
19 information to a display device.

20

21 37. (original) A system as recited in claim 26, wherein the software
22 development peripheral is further configured to communicate image data
23 generated by the operating system to the host computing device via a virtual
24 display device driver.

1
2 **38. (original)** A system as recited in claim 26, wherein the software
3 development peripheral is further configured to communicate image data
4 generated by the operating system to the host computing device via a virtual
5 display device driver, and wherein the host computing device includes a virtual
6 input/output system configured to receive the image data and route the image data
7 to a display device.

8
9 **39. (original)** A system as recited in claim 26, wherein the software
10 development peripheral is further configured to connect to a network via a
11 network communication driver of the host computing device, the network
12 communication driver communicatively linked with the network and with a virtual
13 network communication driver of the software development peripheral.

14
15 **40. (original)** A system as recited in claim 26, wherein the host
16 computing device includes a virtual input/output system configured to route a
17 keyboard input to the software development peripheral.

18
19 **41. (original)** A system as recited in claim 26, wherein the host
20 computing device includes a virtual input/output system configured to route a
21 pointing device input to the software development peripheral.

22
23 **42-60. (canceled)**